

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listings of Claims:

Claims

1. (Currently amended) An automatic dosage unit for dispensing a particulate product into a collection unit, wherein the dosage unit comprises a grinder effective for grinding a product into a particulate product and an identification device configured to identify the size of the collection unit and dispense the particulate product based on the size of the collection unit identified, wherein the identification device comprises a fastener which fastens the collection unit to the dosage unit during dispensing of the particulate product, [[,]] and the grinder comprises a set of conic knives including a funnel-shaped outer conic knife and an inner cone-shaped inner conic knife.
2. (Previously Presented) The automatic dosage unit according to claim 1, wherein the identification device further comprises a control unit to control the volume of the product dispensed in relation to the size of the collection unit.
3. (Cancelled)
4. (Cancelled)
5. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a storage unit for storage of the product.
6. (Cancelled)

7. (Previously Presented) The automatic dosage unit according to claim 1, wherein the outer conic knife is arranged to rotate around the inner knife.

8. (Previously Presented) The automatic dosage unit according to claim 1, wherein there is a play between the inner knife and the outer knife, the play facilitating the product moving down through the set of conic knives and out into the collection unit during the preparation of the product.

9. (Previously Presented) The automatic dosage unit according to claim 8, wherein the dosage unit further comprises an adjustment device arranged to adjust the degree of preparation of the product, that is, adjust the play between the knives.

10. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a driving device to drive the grinder.

11. (Previously Presented) The automatic dosage unit according to claim 10, wherein the dosage unit further comprises a control unit arranged in connection with the driving device so that the speed of rotation can be changed and thereby the time of preparation of the product.

12. (Previously Presented) The automatic dosage unit according to claim 5, wherein the storage unit is installed and uninstalled on the dosage unit by a rotary motion.

13. (Previously Presented) The automatic dosage unit according to claim 5, wherein the dosage unit further comprises a locking device configured to lock the storage unit on the dosage unit.

14. (Previously Presented) The automatic dosage unit according to claim 12, wherein the dosage unit further comprises a closing device located between the storage unit and an inlet to the set of conic knives.

15. (Previously Presented) The automatic dosage unit according to claim 14, wherein the closing device is an integral part of the storage unit.
16. (Previously Presented) The automatic dosage unit according to claims 5 or 9, wherein the dosage unit further comprises a safety device arranged to prevent movement of the driving device in the event the storage unit is removed from the dosage unit.
17. (Previously Presented) The automatic dosage unit according to claim 1, wherein the identification of the size of the collection unit is provided by at least one device selected from the group consisting of a strain gauge, micro switch, optical sensor, weighing cell, photo identification, and telemeter.
18. (Previously Presented) The automatic dosage unit according to claim 14, wherein the closing device comprises at least one opening and at least one blocking device, wherein the blocking device is configured to vary the size of the opening so that the closing device can dose dispense different amounts of the particulate product.
19. (Previously Presented) The automatic dosage unit according to claim 18, wherein the blocking device is arranged to hermetically block the opening of the closing device.
20. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a vibration suppressor.
21. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a guiding device arranged to lead the particulate product to the collection unit.
22. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit is provided with anti-static effect in a way that the particulate product can be dispensed without sticking to the unit.

23. (Previously Presented) The automatic dosage unit according to claim 22, wherein the anti-static effect is provided in the design of an outlet from the knives and the guiding device so that the particulate product is ensured a flow, whereby the particulate product is discharged on the way to the collection unit.

24. (Previously Presented) The automatic dosage unit according to claim 22, wherein the anti-static effect is provided by a treatment of surfaces of the dosage unit with which the particulate product is in contact during dispensing.

25. (Previously Presented) The automatic dosage unit according to claim 24, wherein the treatment of surfaces comprise polishing, eloxation or application of a coating.

26. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a positioning device arranged to ensure that the collection unit is placed in a predetermined position for dispensing the particulate product.

27. (Previously Presented) The automatic dosage unit according to claim 1, wherein the dosage unit further comprises a memory unit configured to store information for identification of different sizes of collection units and amounts of product dispensed.

28. (Cancelled)

29. (Previously Presented) A method for preparing and dosing coffee beans, the method comprising utilizing the automatic dosage unit according to claim 1.

30. (Previously Presented) The automatic dosage unit according to claim 10, where the driving device is arranged to drive the outer knife.

31. (Previously Presented) An automatic dosage unit for dispensing a particulate product into a collection unit, wherein the dosage unit comprises a storage unit for storing a product, a grinder effective for grinding the product into a particulate product, an identification

device configured to identify the size of the collection unit and dispensing the particulate product based upon the size of the collection unit identified, wherein the identification device comprises a fastener which fastens the collection unit during dispensing of the particulate product, and the grinder comprises a set of conic knives including a funnel-shaped outer conic knife and an inner cone-shaped inner conic knife.

32. (Previously Presented) The automatic dosage unit according to claim 31, wherein the dosage unit further comprises a memory unit configured to store information for identification of different sizes of collection units and amount of product dispensed.

33. (Previously Presented) The automatic dosage unit according to claim 31, wherein the dosage unit further comprises a closing device located between the storage unit and an inlet to the set of conic knives.

34. (Currently Amended) The automatic dosage unit according to claim 33 [[31]], wherein the closing device comprises at least one opening and at least one blocking device, wherein the blocking device is configured to vary the size of the opening so that the closing device can dispense different amounts of the particulate product.